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anate ester prepolymer, or a mixture of the monomer and prepolymer;

applying an amount of the composition at a thickness sufficient to cover substantially all

of the solder joint; and

photocuring the composition to reinforce the solder joint, wherein photocuring the

composition forms a resin in the composition from the precursor.

14. The method of claim 13, wherein the cyanate ester includes at least two cyanate groups and is curable through cyclotrimerization.

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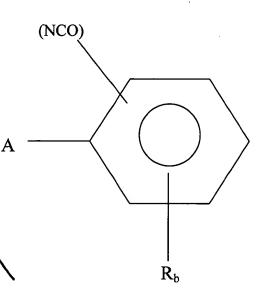
(TWICE AMENDED) The method of claim 13, wherein the cyanate ester is selected

from the group consisting of compounds depicted by formulas 1 and 2:

(1)

(NCO)

 R_b



(NCO) (NCO) (NCO) Α \dot{R}_{b} R_{b} $\dot{R}_{b} \\$ n

wherein each a and b independently include integers from 0 to 3, and at least one a is not 0; wherein c includes integers from 0 to 1; wherein n includes integers from 0 to 8; wherein each each R is independently selected from the group consisting of non-interfering alkyl, aryl, alkaryl, heteroatomic, heterocyclic, carbonyloxy, carboxy, hydrogen, C_{1-6} alkyl, C_{1-6} alkoxy,

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halogen, maleimide, propargyl ether, glycidyl ether and combinations thereof; A is selected from the group consisting of C₁₋₁₂ polymethylene, CH₂, dicyclopentadienyl, aralkyl, aryl, cycloaliphatic, CH(CH₃), SO₂, O, C(CF₃)₂, CH₂OCH₂, CH₂SCH₂, CH₂NHCH₂, S, C(=O), OC(=O), OCOO, S(=O), OP(=O), OP(=O)(=O)O, alkylene radicals, C(CH₃)₂, and combinations thereof.

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(AMENDED) The method of claim 13, wherein the cyanate ester is selected from the

group consisting of cyanatobenzene, 1,3-and 1,4-dicyanatobenzene,

2-tert-buty 1,4-dicyanatobenzene, 2,4-dimethyl-1,3-dicyanatobenzene, 2,5-di-

tert-butyl-1,4-dicyanatobenzene, tetramethyl-1,4-dicyanatobenzene,

4-chloro-1,3-dicyanatobenzene, 1,3,5-tricyanatobenzene,

2,2' 4,4'-dicyanatobiphenyl, 3,3',5,5'-tetramethyl-4,4'dicyanatobiphenyl,

1,3-dicyanatonaphthalene, 1,4-dicyanatonaphthalene, 1,5-dicyanatonaphthalene,

1,6-dicyanatonaphthalene, 1,8-dicyanatonaphthalene, 2,6-dicyanatonaphthalene,

2,7-dicyanatonaphthalene, 1,3,6-tricyanatonaphthalene, bis(4- cyanatophenyl)methane,

bis(3-chloro-4-cyanatophenyl)methane, 2,2-bis(4-cyanatophenyl)propane,

2,2-bis(3,5-dichloro-4-cyanatophenyl)propane, 2,2-bis(3,5-dibromo-4-cyanatophenyl)propane,

bis (4-cyanatophenyl)ether, bis (p-cyanophenoxyphenoxy)-benzene, di(4-cyanatophenyl)ketone,

bis(4-cyanatophenyl)thioether, bis(4-cyanatophenyl)sulfone tris (4-cyanatophenyl)phosphite,

tris(4-cyanatophenyl)phosphate and combinations thereof.

17. The method of claim 13, wherein the photoinitiator is selected from the group

consisting of aryldiazonium, triphenylsulfonium, diphenyliodonium, diaryliodosyl and triarylsulfoxonium salts.

18. The method of claim 13, wherein the composition contains about 40% to about 75% by weight dispersed silica.

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(TWICE AMENDED) The method of claim 13, wherein the dispersed filler includes

fused silica and amorphous silica.

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20. (TWICE AMENDED) The method of claim 19, wherein a particle size of the dispersed silica is 31 microns or less.

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(AMENDED) The method of claim 13, wherein a coefficient of linear thermal expansion f the cured composition is from about 26 to about 39 ppm/degree C.

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- 22. (AMENDED) The method of claim 13, wherein a glass transition temperature of the cured composition is from about 100 to about 160 degrees C.
- 23. (TWICE AMENDED) The method of claim 13, wherein the composition includes from 1 to 20 parts of surface treating agents selected from the group consisting of vinyltrimethoxysilane, vinyltriethoxysilane, N(2-aminoethyl)3-aminopropylmethyldimethoxysilane, 3-aminopropylethoxysilane, 3-glycidoxypropyltrimethoxysilane, 3-glycidoxypropylmethyl